

Title (en)

A reduction device

Title (de)

Reduziervorbinder für Rohre

Title (fr)

Raccord à réduction pour tubes

Publication

EP 0523020 B1 19960228 (EN)

Application

EP 92850153 A 19920622

Priority

SE 9101933 A 19910624

Abstract (en)

[origin: EP0523020A1] A reduction device (1) for pipe fittings (2) of the kind, wherein the reduction device (1) is introduced axially into the pipe fitting (2) so as to adjust the latter to a pipe (3) having smaller external dimensions. The reduction device (1) comprises two pieces (4, 5) which are interconnected in a manner allowing them to be rotated relatively one another and they are held together e.g. by a flanging bond, in that the sleeve piece (4) is provided with an internal conical face (6) which, upon tightening of the nut (11) cooperates with an external conical face (8) of the nut piece, whereby the front edge (9) of the external conical face (8) cuts into the pipe (3) while creating a shape-dependent bond firmly securing the pipe (3) to the pipe fitting (2). <IMAGE>

IPC 1-7

F16L 19/065; **F16L 19/10**

IPC 8 full level

F16L 19/10 (2006.01); **F16L 25/14** (2006.01)

CPC (source: EP SE)

F16L 19/065 (2013.01 - SE); **F16L 19/10** (2013.01 - EP SE); **F16L 19/103** (2013.01 - SE); **F16L 25/14** (2013.01 - EP)

Citation (examination)

SE 449783 B 19870518 - BOGARDHSKOPPLINGAR AB [SE]

Cited by

NL1034764C2; ES2138490A1; CN114233970A; CN103335182A; US11703165B2; US10215315B2; WO2019210016A1; US10584814B2; US11009158B2; US10024468B2; US11079046B2; EP1865121B1

Designated contracting state (EPC)

AT BE DE DK GB IT NL SE

DOCDB simple family (publication)

EP 0523020 A1 19930113; **EP 0523020 B1 19960228**; AT E134755 T1 19960315; DE 69208547 D1 19960404; DE 69208547 T2 19960801; SE 469089 B 19930510; SE 9101933 D0 19910624; SE 9101933 L 19921225

DOCDB simple family (application)

EP 92850153 A 19920622; AT 92850153 T 19920622; DE 69208547 T 19920622; SE 9101933 A 19910624